This listing of claims will replace all prior versions, and listings, of claims in the application.

LISTING OF CLAIMS

Claims 1-11.   (Cancelled)

12.   (Currently Amended)   A method for reducing contention conflicts in a wireless infrastructure basic service set network, the method comprising:

coordinating by an access point a contention-free communication by the access point by computing a time duration for a distributed coordination function transmission; and

communicating the time duration for a plurality of multicast frames to a plurality of wireless stations in the infrastructure basic service set network, such that a communication stream of the plurality of multicast frames transmitted to the plurality of wireless stations is uninterrupted for the time duration, wherein time duration information is used to control a counter in a wireless station to prevent the wireless station from attempting to transmit for a predetermined period of time, and wherein an inter-frame space between at least two uninterrupted multicast frames in said communication stream is a distributed inter-frame space.

13.   (Cancelled)

14.   (Previously Presented) The method in Claim 12, wherein the communicating step further comprises embedding and transmitting the time duration in a header of a data packet.

15-17. (Cancelled)

18.   (Currently Amended) An access point in a wireless infrastructure basic service set network, the access point comprising:

means for computing a time duration for a distributed coordination function transmission of a plurality of multicast frames;

means for transmitting the time duration to counters in a plurality of devices associated with the wireless network, via digital packets embedded in a transmission stream;

wherein the access point retains control of a medium by fixing a duration field, ~~and~~ whereby the access point can adjust the duration field to release the medium<u>, and wherein an inter-frame space between at least two uninterrupted multicast frames in a communication stream is a distributed inter-frame space</u>.

19.   (Cancelled)

20.   (Previously Presented) The access point of Claim 18, wherein the access point permits bandwidth provisioning in order to provide quality of service for a streaming service.

21.   (Cancelled)

22.   (Previously Presented) The method according to claim 12, wherein said coordinating step further comprises: coordinating in a first cell a contention-free session, each said contention-free session including multiple transmissions with other member stations in the first cell, said time duration being such that a plurality of multicast frames are delivered in a single communication stream eliminating the requirement for contending for a communication medium for each multicast frame transmission.

23-26. (Cancelled)